

STEREO MOC Status Report
Time Period: 2007:295 - 2007:301

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 295, during the track with DSS-15, some SECCHI commands could not be issued due to a known problem with the POC Queue software when moving commands from backup to primary mode. SECCHI re-sent the commands and they were successfully uplinked to the Ahead spacecraft. A fix for this problem (CR-5786) was approved on day 296.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 5.4 Gbits during this week.
- On day 295, the SWAVES 90/270 roll maneuver sequence was successfully executed at 07:00Z.
- On day 297 SECCHI reset at 15:29:17. On day 298, during the track with DSS-65, SECCHI recovered from the reset at 12:10Z.
- On day 299 IMPACT resolved their commanding/corrupt memory problem. It is related to a timer which needs to see a command at least every 97 days. Prior to this issue surfacing, it had been more than 97 days since SEP was commanded.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 301, during the track with DSS-55, the command state tripped to aborted prior to opening the POC queues. The MOC re-bound to DSS-55 and re-synched to re-establish the command link.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 6.7 Gbits during this week.
- On day 295, the SWAVES 90/270 roll maneuver sequence was successfully executed at 10:00Z.